

Claims:

What is claimed is:

1. A system for providing one or more interactive applications to one or more users via a wireless communications network, said system comprising:

one or more servers cooperating with said network to substantially deliver one or more interactive applications to one or more wireless access devices each corresponding to at least one of said users;

wherein, after said one or more wireless access devices receive said substantially delivered one or more applications, upon request of one of said users, said one or more corresponding wireless access devices receives cached communication from said server to facilitate the one of said users accessing the one or more interactive applications using said corresponding wireless access device.

2. The system of Claim 1, wherein said one or more interactive applications comprise graphics.

3. The system of Claim 1, wherein at least one of said wireless access devices comprises a handheld device.

4. The system of Claim 1, wherein each said wireless access device comprises a microprocessor.

5. The system of Claim 1, wherein said microprocessor utilizes a clock speed of greater than about 4 MHz.

6. The system of Claim 1, wherein each said wireless access device comprises at least one memory.

7. The system of Claim 1, wherein each said wireless access device comprises a color display.

8. The system of Claim 1, wherein each said wireless access device comprises a battery power source.

9. The system of Claim 1, wherein said one or more users comprises a plurality of simultaneous users.

10. The system of Claim 9, wherein said plurality of users comprises three or more users.

11. The system of Claim 1, wherein at least a portion of communications from said network to at least one of said wireless access device is at a full frame rate.

12. The system of Claim 1, wherein at least a portion of communications from said network to at least one of said wireless access device is at a half frame rate.

13. The system of Claim 1, wherein said application offers each of said users at least three degrees of freedom.

14. The system of Claim 1, wherein said application is substantially stored on at least one of said wireless access devices.

15. A method for performing one or more interactive applications using a wireless communication network device, said method comprising:

substantially receiving software necessary to perform the one or more interactive application;

initiating the interactive application;
communicating changes in state of one or more degrees of freedom associated with said application to at least one server; and,

receiving communications indicative of synchronization of said application and cached updates to at least one of said one of said degrees of freedom.

16. The method of Claim 15, wherein said one or more interactive applications comprise graphics.

17. The method of Claim 15, wherein at least one of said wireless access devices comprises a handheld device and said method further comprises substantially storing said software using said handheld device.

18. The method of Claim 15, wherein said receiving communications is at a full frame rate.

19. The method of Claim 15, wherein said receiving communications is at a half frame rate.

20. The method of Claim 15, wherein said receiving communications is at less than a full frame rate.

21. The method of Claim 15, wherein said application offers users at least three degrees of freedom.

22. A computer program product embodied on a computer-readable storage medium for performing one or more interactive applications using a wireless communication network device, the computer program product comprising:

code for substantially receiving software necessary to perform the one or more interactive application;

code for initiating the interactive application;

code for communicating changes in state of one or more degrees of freedom associated with said application to at least one server; and,

code for receiving communications indicative of synchronization of said application and cached updates to at least one of said one of said degrees of freedom.

23. A wireless communications device being suitable for performing one or more interactive applications in response to a user's request using a wireless communications network, said device comprising:

code for substantially receiving one or more interactive applications from a computer readable medium;

code for executing said substantially received one or more applications;

code for communicating changes in state of one or more degrees of freedom associated with said at least one application to at least one server; and,

code for receiving communications indicative of synchronization of said application and cached updates to at least one of said one of said degrees of freedom.

24. A wireless communications device for performing one or more interactive applications responsively to a user and in cooperation with a wireless communications network, said device comprising:

code for cooperating with a computer readable medium and with said network to substantially store at least one application;

wherein, after said wireless communications device substantially stores said at least one application, and upon request of said user, said wireless

communications device receives cached communications via said wireless network to facilitate said user using said substantially stored application.

25. A computer program product embodied on a computer-readable storage medium and being suitable for being performed using a wireless communication network device in cooperation with a wireless communications network, the computer program product comprising:

code for storing data being indicative of changes in state of one or more degrees of freedom to be communicated via said wireless communications network; and,

code for storing data being indicative of received communications indicative of synchronization of said application and cached updates to at least one of said one of said degrees of freedom.